Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 12 Jul 2023 until 23:59 on Thursday 13 Jul 2023

Forecast Issued on Wednesday 12 Jul 2023 at 03:40

Confidence: High confidence for changeable theme. Low confidence for possibly unseasonable period of rain, showers and strong winds Friday into Saturday.

Headline for Wednesday 12 Jul 2023: Rather cloudy and wet during the morning. Brightening up but becoming more showery later, with some heavier, perhaps thundery downpours possible.

Mountain weather hazards on Wednesday 12 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain showers	Cloudy	Cloudy
Precipitation probability					
60%	60%	60%	40%	40%	20%

Forecast for Wednesday 12 Jul 2023

Weather: Generally cloudy with a protracted period of rain first thing, perhaps punctuated by heavier downpours in places. Conditions will become somewhat drier and brighter later but it'll remain windy and on the cool side, accompanied by frequent showers. Some of these may be heavy and thundery during the afternoon, before slowly fading into the evening.

Chance of cloud-free hill tops above 600m: Near nil becoming 60%.

Low Cloud and visibility: Visibility poor at height initially, with extensive cloud down to 400 metres and perhaps to some western valley floors. This lifting and breaking through the morning to narrowly clear the highest ground by lunchtime. Visibility becoming good or perhaps very good at lower levels, but with the caveat of significant deterioration in showers, particularly at height.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 12 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/28 SW	24/32 SW	22/31 W	20/28 W	15/23 W	12/19 W	12/19 W
300	12/25 SW	15/29 SW	15/29 W	14/27 W	12/23 W	7/17 W	7/16 W
Valley	8/20 SW	12/25 SW	14/28 W	13/26 W	10/21 W	4/14 W	3/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	10/7	11/7	11/8	10/7	10/7
300	12/9	12/9	13/10	14/11	14/12	12/10	12/10
Valley	12/11	13/11	14/12	15/13	15/13	13/13	13/12
Freezing Level*	2200m	2200m	2200m	2200m	2100m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds might be 10mph stronger than those shown in the tables, particularly over peaks and ridges where gales are possible.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 12 Jul 2023	8.6mm	16.8mm	22.4mm

Forecast for Thursday 13 Jul 2023

Weather: An improved day on midweek, with more in the way of drier spells and some sunshine, although there remains a risk of some showers, with these heaviest in the north. The sunshine may turn hazier later under advancing high cloud. Eventually warm in the sunshine, although tempered a little by the breeze.

Maximum wind: West or southwesterly 20mph with gusts 30mph.

Chance of cloud-free hill tops above 600m: 40 improving 90%

Low Cloud and visibility: Early broken low cloud around 600 metres, soon lifting clear and developing breaks.

Temperature: **Valleys:** Plus 10 becoming plus 20 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the summits.

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